UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/803,551	03/18/2004	Michael Anthony Dean	03-4027	5673

7590   09/06/2006

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EXAMINER
ONI, OLUBUSOLA

ART UNIT	PAPER NUMBER
2168	

DATE MAILED: 09/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	10/803,551	DEAN, MICHAEL ANTHONY
	Examiner	Art Unit	
	OLUBUSOLA ONI	2168	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *18 March 2004*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-15* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-15* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: Application filed on 03/18/2004

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3.   Claims 1-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Wical

Kelly (Patent No. 6,038,560).

For claim 1, Wical teaches "parsing statements from at least one Semantic Web

structured resource to identify component words" (Col. 1, lines 26-30);

"constructing an index from said component words, said index relating said component

words to said statements"(Col. 29, lines 32-Col. 30,lines 6);

"comparing said component words to a search term to identify matching words;

identifying related ones of said statements for said matching words based on said

index"(Col. 1, lines 26-34, Col. 29, lines 32-Col. 1-57);

"obtaining predicates, instances, types of said instances, and literal values of said

related ones of said statements"(Col.4, lines 45-62, fig. 8B&9C); and

"summarizing said predicates, instances, types, and literal values for presentation to a user as said search results"(Col. 4, lines 51-62, Col. 32, lines 17-33)

For claim 2, Wical teaches "arranging said predicates, instances, types, and literal values into one or more graphical representations"(Col. 4, lines 45-62); and "grouping said graphical representations according to at least one of said types and said literal values"(Col. 4, lines 45-62)

For claim 3, Wical teaches "identifying Semantic Web structured resources to obtain identified Semantic Web structured resources"(Col. 2, lines 23-40)

"gathering statements from said identified Semantic Web structured resources to obtain gathered statements"(Col. 2, lines 43-53)

"presenting said gathered statements for parsing of said gathered statements"(Col. 27, lines 15-28)

"wherein constructing an index comprises updating said index based on the parsing of said gathered statements"(Col. 6, lines 34-61)

For claims 4, 7, 13 and 15, these claims are rejected on grounds corresponding to the arguments given above for rejected claim 2 and are similarly rejected.

For claim 5, Wical teaches "visiting sites on a network to identify Semantic Web structured resources"(Col. 1, lines 26-30, Col. 26, lines 23-40) "gathering statements

from said Semantic Web structured resources"(Col. 2, lines 43-53) "parsing of said

statements to identify component words"(Col. 27, lines 15-28)

"constructing an index from said component words, said index relating said component

words to said statements"(Col. 6, lines 34-61)

"storing said index as said database on said computer-readable medium"(Col. 31, lines

48-67, Col. 32, lines 1-16, Col. 32, lines 34-50,) and "updating said database by

iteratively performing said visiting, said gathering, said parsing, said constructing, and

said storing"(Col. 6, lines 34-61)

For claim 6, Wical teaches "obtaining predicates, instances, types of said instances,

and literal values of said statements related to search terms of said query by said

index"(Col. 4, lines 45-62); and "summarizing said predicates, instances, types, and

literal values for presentation to a user as said search results"(Col. 4, lines 51-62, Col.

32, lines 17-33)

For claim 8, Wical teaches "at least one parser receiving statements from Semantic

Web structured resources and identifying component words of said statements"(Col. 27,

lines 15-28);

"a processor for constructing an index relating said component words to said

statements" (Col.29, lines 32-50); "a database for storing said index;"(Col. 32, lines 34-

50); "a search engine for matching search terms of said query to said component words

to obtain matched words, said search engine identifying said statements related to said

matched words"(Col. 29, lines 32-Col. 30,lines 1-57);

"a servlet for obtaining predicates, instances, types of said instances, and literal values

of said statements related to said matched words"(Col. 4, lines 45-62); and "an object

viewer for summarizing said predicates, instances, types, and literal values for

presentation to said user as said search results"(Col. 4, lines 51-62, Col. 32, lines 17-

33)

For claim 9, Wical teaches "means for arranging said predicates, instances, types, and

literal values into one or more graphical representations"(Col. 4, lines 45-62); and

"means for grouping said graphical representations according to at least one of said

types and said literal values"(Col. 4, lines 45-62)

For claim 10, Wical teaches "means for identifying Semantic Web structured resources

to obtain identified Semantic Web structured resources" (Col. 26, lines 23-40); "means

for gathering statements from said identified Semantic Web structured resources to

obtain gathered statements"(Col. 2, lines 43-53)

"means for presenting said gathered statements for parsing of said gathered

statements"(Col. 27, lines 15-28); "means for iteratively invoking said means for

identifying, said means for gathering and said means for presenting(Col. 2, lines 43-53,

Col. 26, lines 23-40,Col. 27, lines 15-28); and "wherein said processor comprises

means for updating said index based on the parsing of said gathered statements"(Col.6, lines 34-61).

For claim 11 this claim is rejected on grounds corresponding to the arguments given above for rejected claim 9 and is similarly rejected.

For claims 12-14 these claims are rejected on grounds corresponding to the arguments given above for rejected claims 1-3 and are similarly rejected.

CONCLUSION

4.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to OLUBUSOLA ONI whose telephone number is 571-272-2738. The examiner can normally be reached on 7.30-5.00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TIM VO can be reached on 571-272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KHANH B. PHAM
PRIMARY EXAMINER

OLUBUSOLA ONI
Examiner
Art Unit 2168